CLAIMS

What is claimed is:

1. A multifunction handheld tool machine having an at least partially axially percussive tool receptacle (7), a safety coupling (8) disposed in a power line between the tool receptacle (7) and an electrical motor (6), a hand-guided housing and an ATC safety module (1) with a rotational sensor (3) sensitive to an angular displacement, wherein the ATC safety module (1) is connected to an axial displacement sensor (4).

2. A control process for an ATC safety module (1) of a multifunction handheld tool machine having an at least partially axially percussive tool receptacle (7), a safety coupling (8) disposed in a power line between the tool receptacle (7) and an electrical motor (6), a hand-guided housing, wherein the ATC safety module (1) has a rotational sensor (3) sensitive to an angular displacement and the ATC safety module (1) is connected to an axial displacement sensor (4), comprising, in a first step, a rotary displacement of the housing is detected, and in a second step, a binary control signal (5) is generated that upon exceeding a rotary limit value (12a) by virtue of the rotary displacement reliably interrupts the power flow between the electrical motor (6) and the tool receptacle (7), wherein in the first step, the axial displacement of the housing is detected and, in the second step, the binary control signal (5) upon exceeding an axial limit value (13b) is suppressed by the axial displacement.

3. The control process of claim 2, wherein in the second step, a binary rotational control signal (14a) and a binary axial control signal (14b) are generated that generate the binary control

signal (5) over a logical AND connection.

4. The control process of claim 3, wherein the axial displacement detected in the first step is integrated twofold in time.